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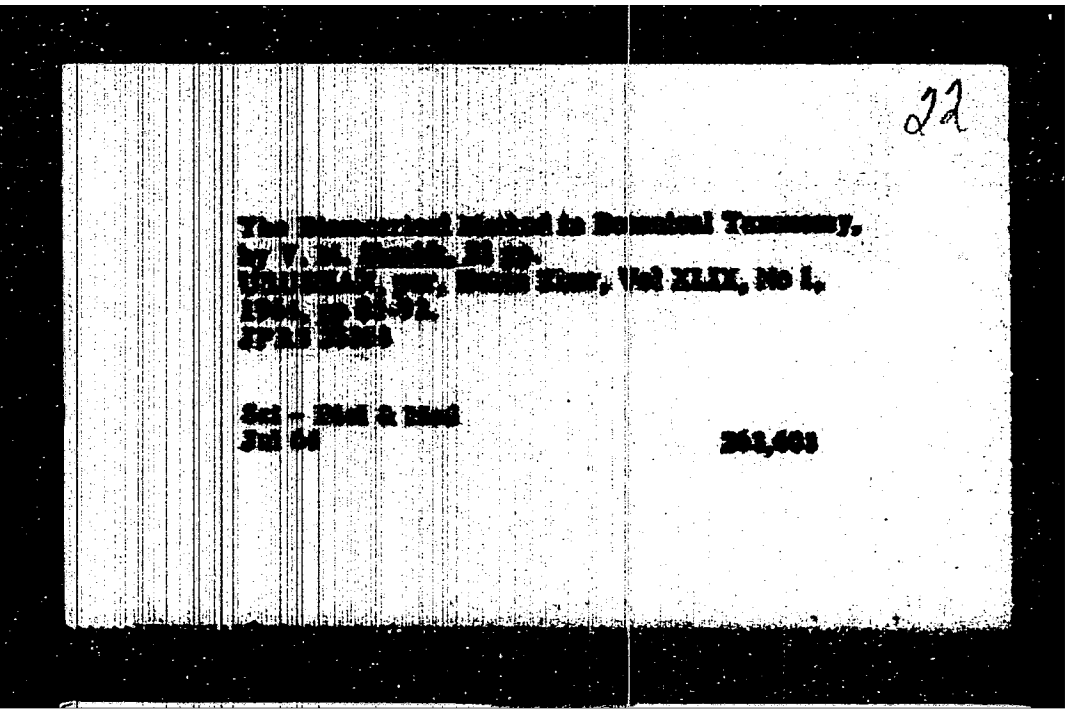

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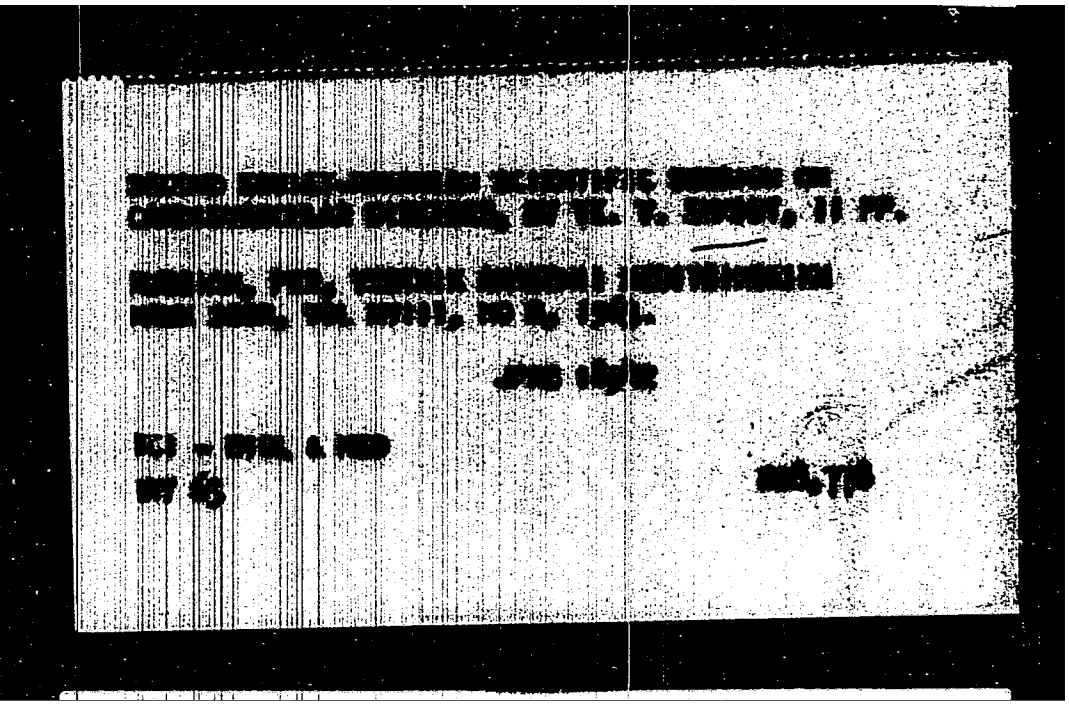

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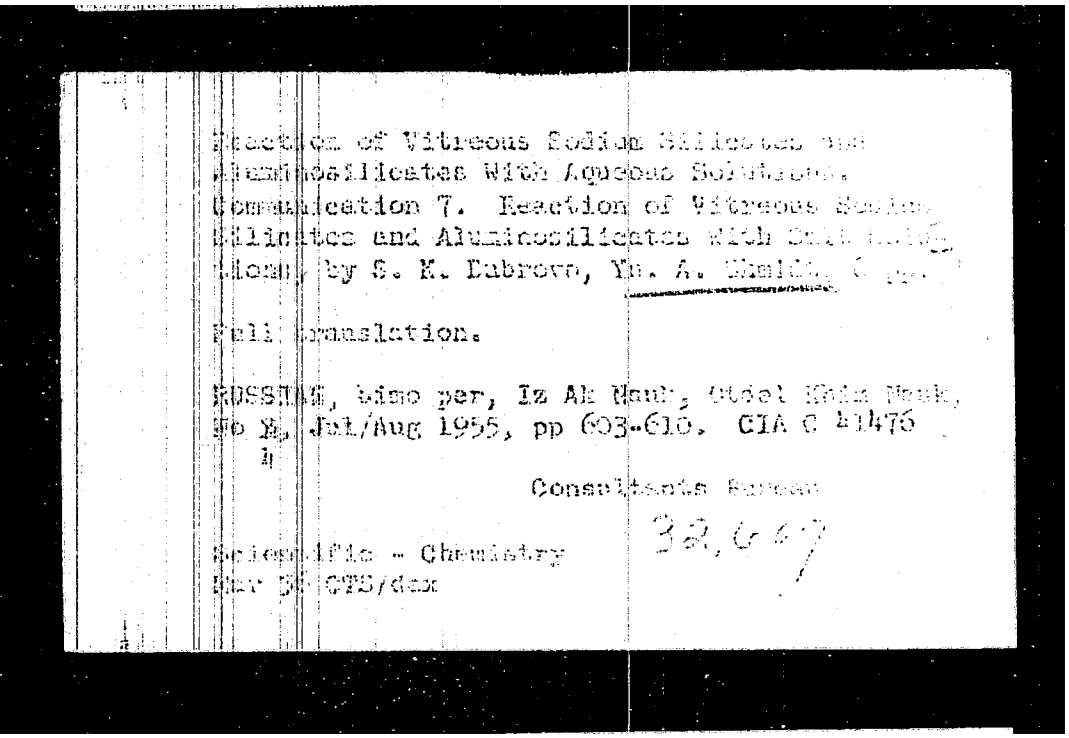

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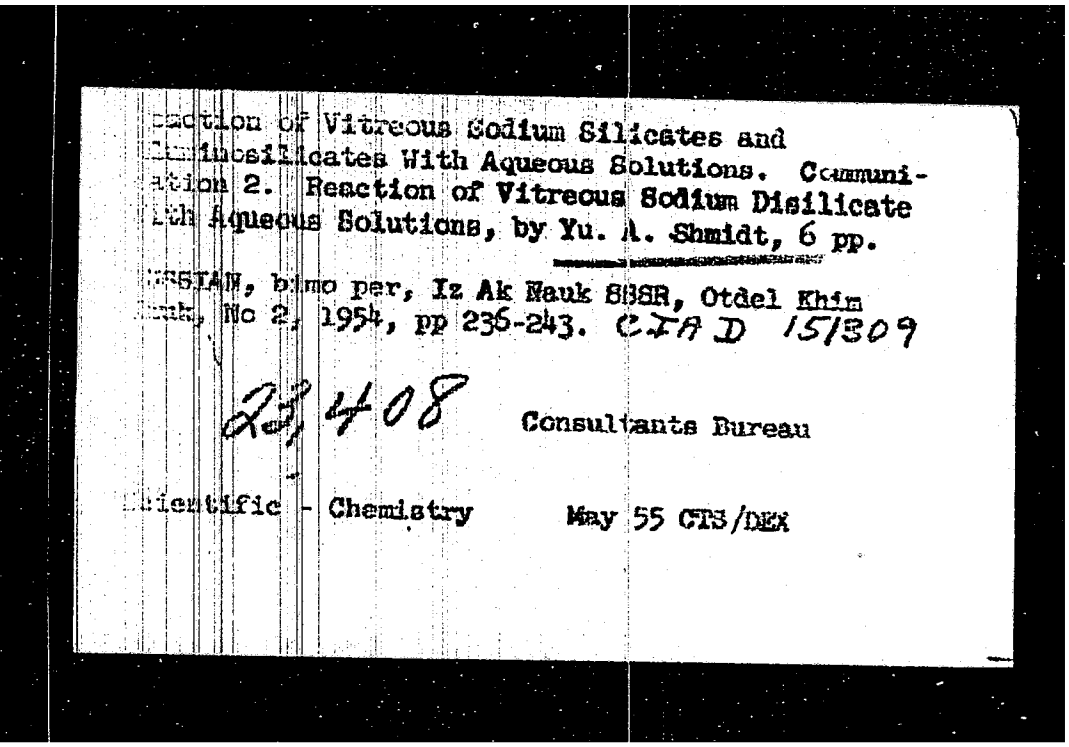

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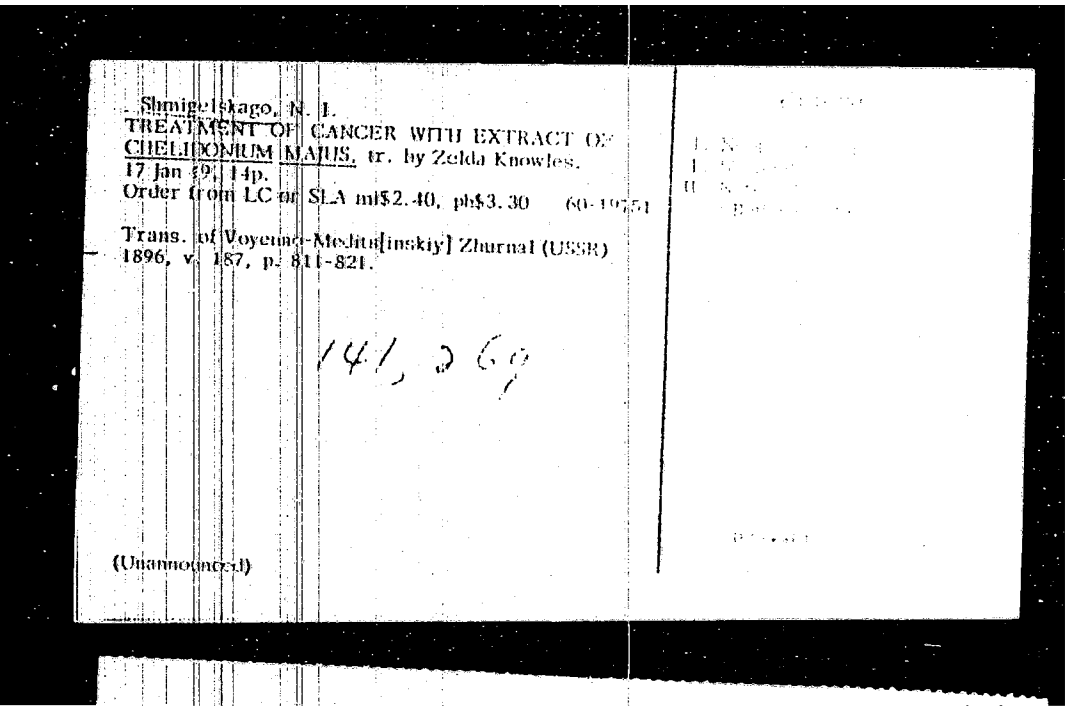

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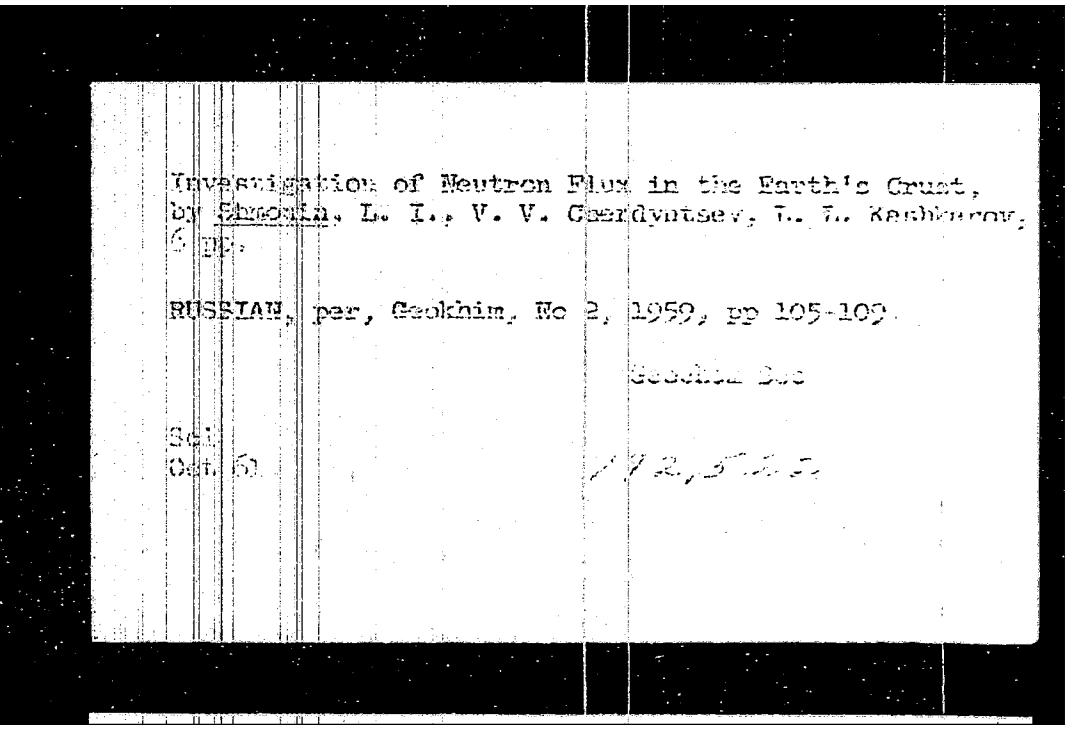

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1, 1958, pp 114-.

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Investigation of the Free-Radical Mechanism of the Additionk of Polyhalo Compounds to Vinyl Acetate, by M. F.Shostakovskiy, L. I. Shmonin, 4 pp.

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Preparation of Hexachlorobutadiene, by M. F. Shostakovskiy, L. I. Shmonina, 3 pp.

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Synthesis of Steroid Compounds and Related Substances. XXXIV. 9-Methyl-1,6-Diksto-Δ^5-Octahydronaphthalene, by I. N. Nazarov, S. I. Zavylov, M. S. Burmistrova, I. A. Gurvich, and L. I. Simonina, 4 pp.

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RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2, 1956, pp 441-444. CIA 9007072 C, Reel No 64

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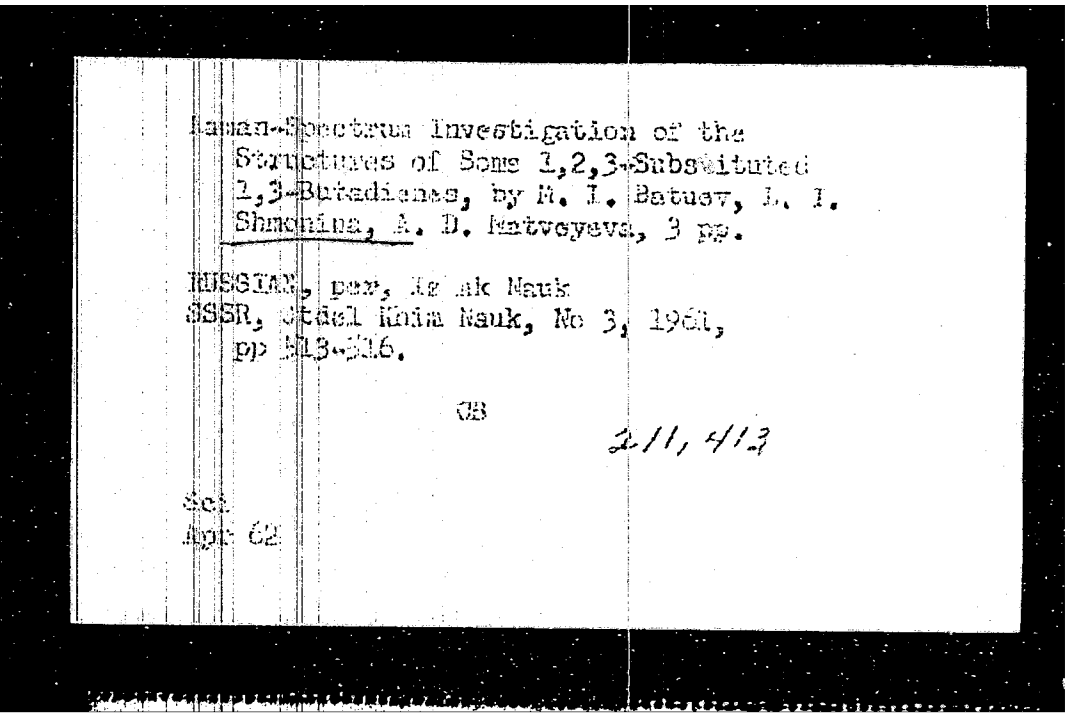

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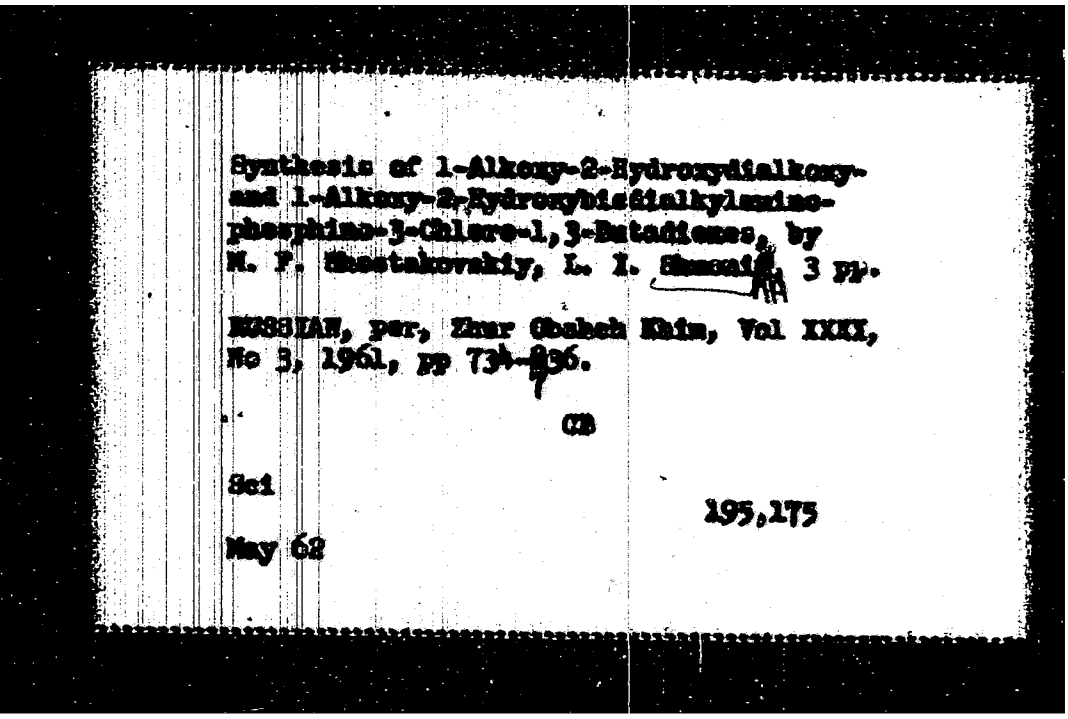

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Acetylene Derivatives, No 94, Synthesis of Polycyclic Compounds Related to Steriods: III, Complete Synthesis of Compounds With Androstance Skeletons and Their Structural Isomers With Methylcyclopentane Rings B, by L. N. Nazarov, L. D. Bergel'son, L. I. Simonina, L. N. Terekhova. 4 pp.

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Synthesis of Steroid Compounds and Related Substances. Communication XXI. Condensation of 3,4,4a,5,8,8a-Hexahydro-8a-Methyl-1-Vinylnaphthalene With α,β-Unsaturated Cyclic Ketones. Synthesis of Steroid Ketones Derived From Hydrogenated Cyclopenta[a]phenanthrene and Chrysene, by I. N. Nazarov, L. I. Shmonina, I. V. Torgov, 14 pp.

Full translation.

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Derivatives of Acetylene. 135. Rearrangement of An Allylic System. V. Exchange Reaction of γ,γ- Dimethylallyl Chloride With Amines, Potassium Cyanide, and Salts of Organic Acids, by I. N. Nazarov, V. N. Rakcheev and L. I. Shmonina, 5 pp.

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CATALYTIC REDUCTION MECHANISMS FOR NITROBENZENE AND SOME OF ITS DERIVITIES. Jan 62, 11p. 19 refs.
Order from ICE in v. 2, no. 1, $15.00/year

Trans. of Kinetika i Kataliz (USSR) 1961 [v. 2] no. 7, p. 38ff.

DESCRIPTORS: *Nitrobenzenes, *Anilines, Reduction, *Nickel catalysts, *Platinum catalysts, *Palladium catalysts, Catalysis, Reaction kinetics, *Chemical engineering.

(Chemistry--Physical, TT, v. 8, no. 10)

62-34310

I. Shmonina, V. P.
II. Sokol'skii, D. V.
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C226465

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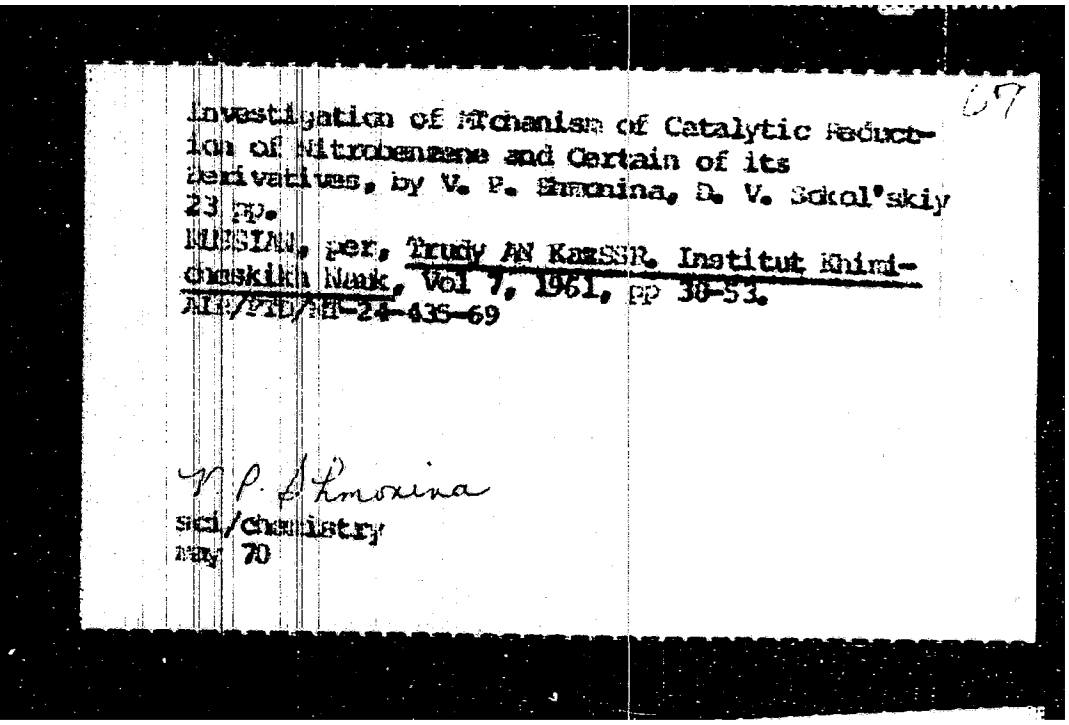

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AID/PID/NC-24-436-69

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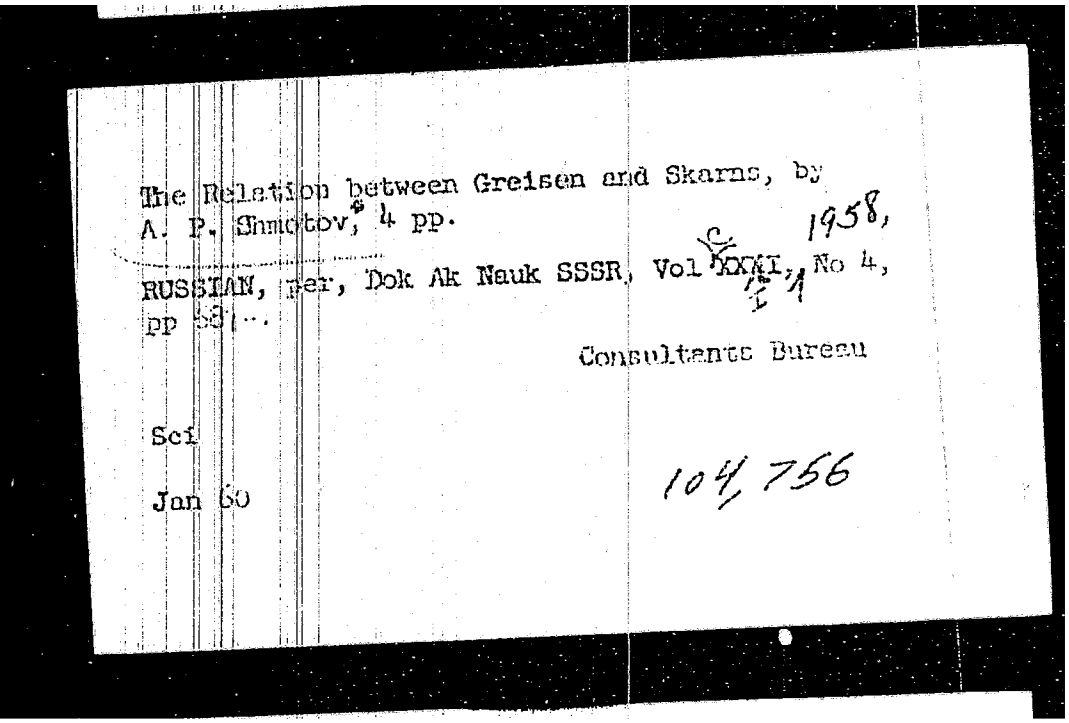

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500042-4

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The Effect of Cavitation Type n the Form of Hydroturbine Separation Characteristics, by L. S. Shmuglyakov.
RUSSIAN, per, Energomashinostryoeniye, No 1, 1963, pp 25-27.
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201500042-4

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STUDIES OF THE FATTY SUBSTANCES OCCURRING IN TOBACCO LEAVES. [1961] 7p.
Order from ATS $12. 45 ATS-35N51R

Trans. of Vsesoyuz[nyy Nauchno-Issledovatel'skiy] Inst[itut] Tabach[noy] i Makhorkovoy Prom[yshlennosti]. Trudy (USSR) 1937, v. 133, p. 3-9.

DESCRIPTORS: Fats, Determination, *Tobacco, Chemical analysis.

(Biological Sciences--Botany, TT, v. 6, no. 3)

61-22600

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II. ATS-35N51R
III. Associated Technical Services, Inc., East Orange, N. J.

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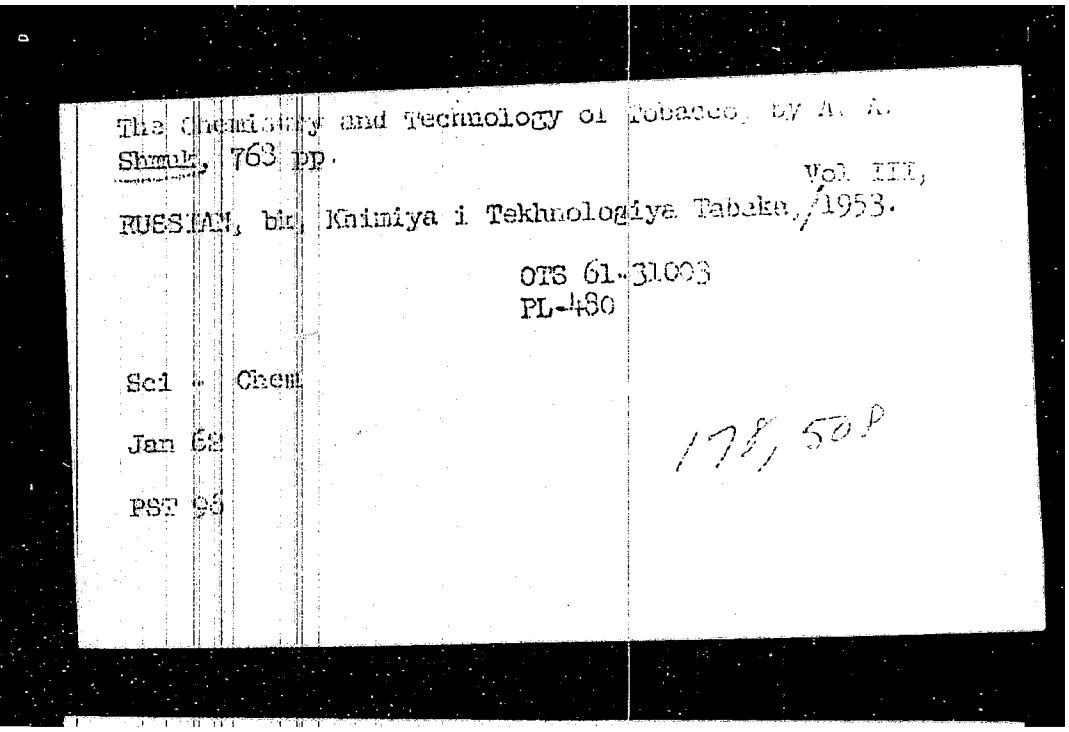

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OTS 61-31093
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Shmuk, E. I.
THERMODYNAMICS OF COAL PYRITE OXIDATION. [1961] 10p. (2 figs. omitted) 17 refs.
Order from OTS or SLA $1.10 62-10208

Trans. of [Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya]: Metallurgiya i Toplivo, 1960, no. 6, p. 177-182.

DESCRIPTORS: *Coal, *Pyrites, Oxidation, Thermodynamics, Thermochemistry.

On the basis of thermodynamic calculations, equilibrium constants and free energies were obtained for the pyrite oxidation reaction in relation to changes in temperature. The heat effects of pyrite oxidation were calculated. It was established that an increase in pressure favors pyrite oxidation by oxygen of the air. (Author)
(Chemistry--Physical, TT, v. 7, no. 9)

62-10208

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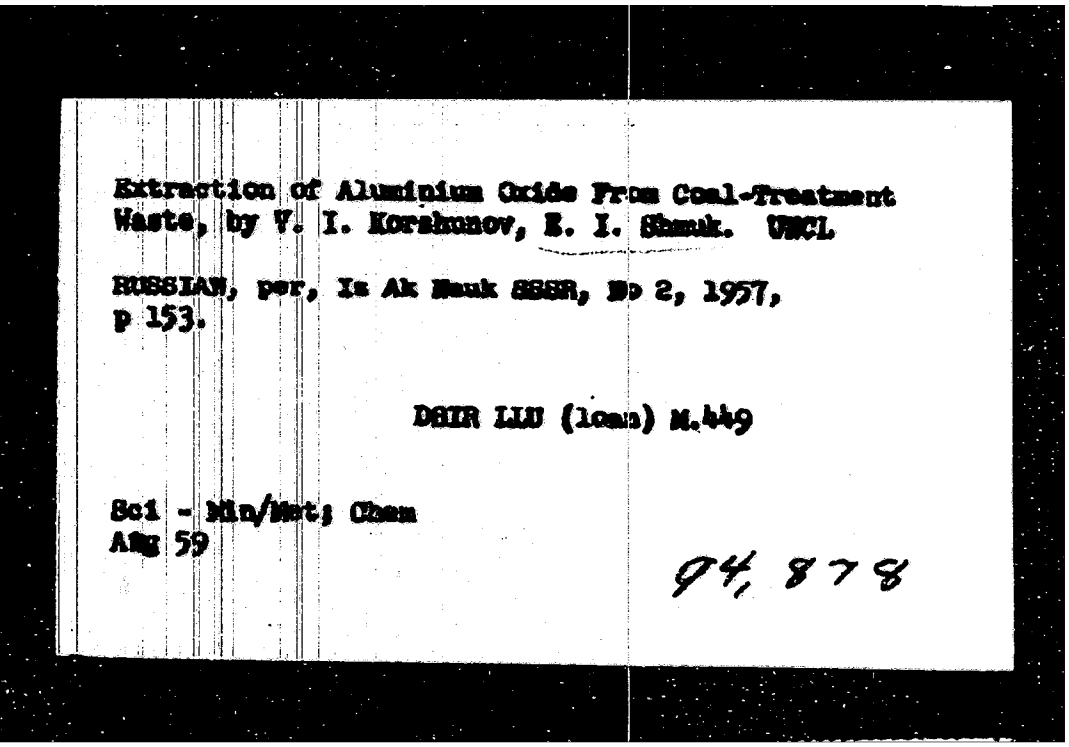

Extraction of Aluminium Oxide From Coal-Treatment Waste, by V. I. Korshunov, E. I. Shmuk. UNCL

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DSIR LLU (1com) M.449

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Study of the Kinetics of Thermal Decomposition of Solid Permanganates, by S. Yu. Elovich, S. Z. Roginskiy, E. I. Shmuk.

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AEC Tr 1108

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Topography of the Pyrolytic Decomposition of Barium Permanganate, by S. Z. Roginskii, S. I. Shmuk, and M. Ya. Kushnerev.

Full translation.

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AEC Tr 1261

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Investigation of the Microbiological Oxidation of the Pyrite of Coal, by Z. M. Zarubina, N. N. Lyalikova, Ye. I. Shmuk,

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Sci - Min/Met

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The Workman-Reynolds Theory of Thunderstorms, by V. N. Muchnik, A. Kh. Shmukler, 3 pp.

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Shmukler, B. L. and Shtefan, E. V.
STARTING A ONCE-THROUGH BOILER-TURBINE UNIT ON A SLIDING SYSTEM. [1961] [15]p. 2 refs. C. E. Trans. 1819; [DSIR LLU] M. 3177.
Order from OTS or SLA $1.60 61-27494

Trans. of Elektricheskie Stantsii (USSR) 1959, v. 30, no. 7, p. 5-12.

DESCRIPTORS: *Boilers, *Turbines, Starting.

(Engineering--Mechanical, TT, v. 6, no. 8)

61-27494

I. Shmukler, B. L.
II. Shtefan, E. V.
III. CE Trans-1819
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[illegible]5267

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Determination of Average Faultless Operation Time in Contactless Remote Control Apparatus, by V. A. Zhozhikashvily and Yu. I. Shmukler, 6 pp.

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Efficient Use of Hob Length in Rough Hobbing, by A. G. Shmulevich, 4 pp.

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SHMULEVICH, E. YA.

Zavodskaya Laboratoriya, vol. 15, 1949, pp. 742-743; 550 words.

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Brutcher Trans., Order No. 2384, $1.20

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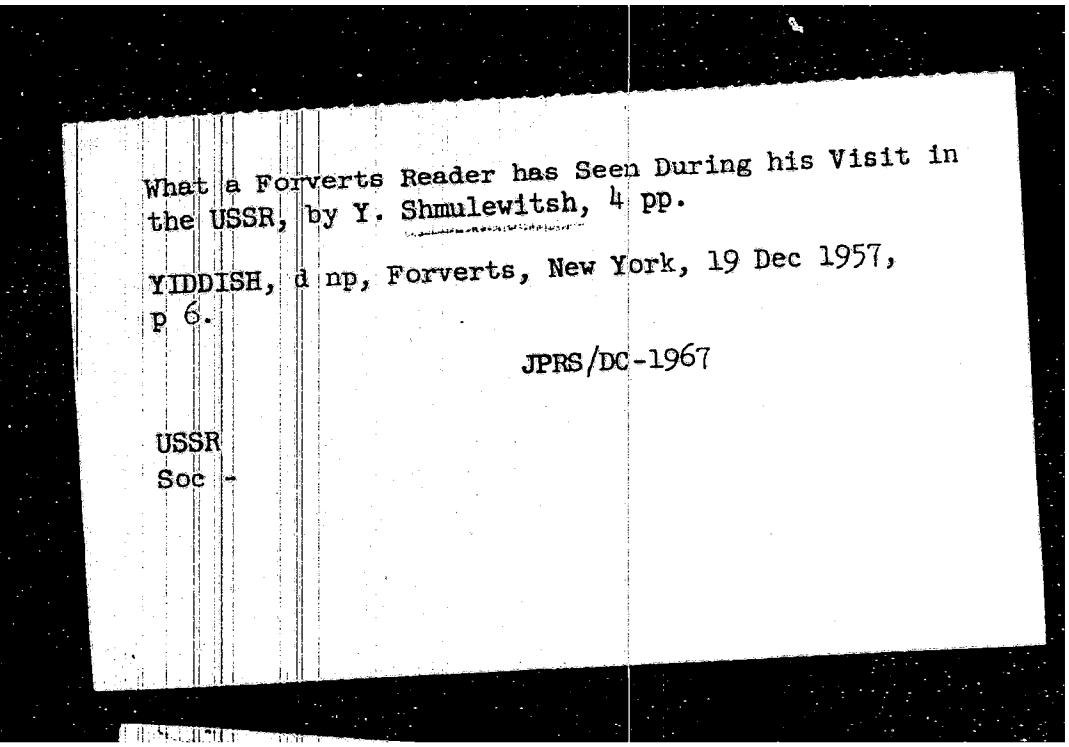

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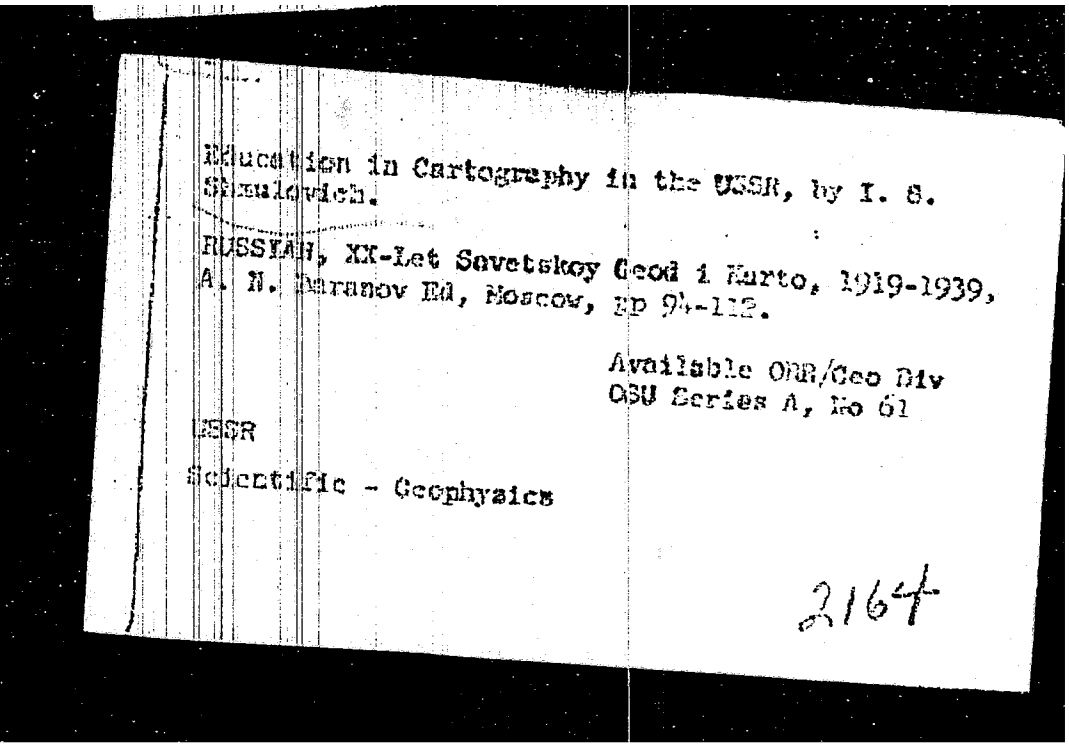

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A Spectrophotometric Method for the Determination of Butyl Alcohols, by Ya. E. Shmulyakovskiy.

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A SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF BUTYL ALCOHOLS (Spektrofotometricheskii Metod Opredeleniya Butilovykh Spirtov). [1961] [9]p. [DSIR LLU] M.3001.
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Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1959 [v. 4] no. 12, p. 46-50.

DESCRIPTORS: Ultraviolet spectrophotometers, Butanols, Determination, Light, Absorption, Alcohols, Nitriles.

A spectrophotometric method of determination of normal, secondary and tertiary butyl alcohols is described that uses the light absorption of butyl nitriles in the ultra-violet part of the spectrum. Specific absorption indices, formulae for determination of each (Chemistry--Organic, TT, v. 6, no. 10) (over)

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